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(FILE 'USPAT' ENTERED AT 13:51:22 ON 13 JAN 1999)

DEL HIS

L1 326 S URL
L2 337 S WEB(W) (PAGE# OR SITE# OR ADDRESS##)
L3 314 S HYPERLINK? OR HYPERTEXT? (5A) LINK#
L4 633 S L1-3
L5 2 S CENTRALIZ? (20A) L4
L6 29 S L4 (20A) (DATE# OR DEADLINE OR TIMESTAMP? OR TIME (2W) (DAT
A O
L7 3 S 5675510/UREF, BI
L8 1 S 5727129/PN
L9 1 S 5727129/UREF, BI
L10 1255 S (METER? OR TRACK? OR MONITOR?) (2A) USAGE#
L11 3 S L4 (P) L10

=> d l11 1 cit date as ab

1. 5,819,156, Oct. 6, 1998, PC/TV usage tracking and reporting device;
Brian V. Belmont, 455/2; 345/327; 348/1, 552 [IMAGE AVAILABLE]

L11: 1 of 3

TITLE: PC/TV usage tracking and reporting device
US PAT NO: 5,819,156 DATE ISSUED: Oct. 6, 1998
[IMAGE AVAILABLE]
APPL-NO: 08/783,608 DATE FILED: Jan. 14, 1997
ASSIGNEE: Compaq Computer Corp., Houston, TX (U.S. corp.)

ABSTRACT:

A TV/PC convergence device, operable in a television mode, a computer mode and a combination television/computer mode, includes a display, a computer and a tracking device. The display receives and displays images in all three modes. The computer executes programs and is operable in the computer mode and the combination television/computer mode. The tracking device, which is coupled to the display and computer, tracks, records, and reports select uses of the display and the computer during each of the television mode, the computer mode and the combination television/computer mode.

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US PAT NO: 5,819,156 [IMAGE AVAILABLE]

L11: 1 of 3

DETDESC:

DETD(12)

As further depicted in FIG. 2, tracking/reporting device 18 can also track the usage of On-Line Doc Viewer 26. An example of an On-Line Doc Viewer would be a web page. Tracking/reporting device 18 could track the list of topics searched, the amount of time spent in each on-line document per visit by a user, and the number of time a given topic is accessed.

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US PAT NO: 5,819,156 [IMAGE AVAILABLE] L11: 1 of 3
DATE ISSUED: Oct. 6, 1998
TITLE: PC/TV usage tracking and reporting device
INVENTOR: Brian V. Belmont, Dallas, TX
ASSIGNEE: Compaq Computer Corp., Houston, TX (U.S. corp.)
APPL-NO: 08/783,608
DATE FILED: Jan. 14, 1997
INT-CL: [6] H04N 7/16
US-CL-ISSUED: 455/2; 348/1, 552; 345/327
US-CL-CURRENT: 455/2; 345/327; 348/1, 552
SEARCH-FLD: 455/2, 4.2, 5.1, 6.1, 6.2, 6.3; 348/1, 2, 3, 4, 5, 6,
7-13; 552; H04N 7/16; 7173; <395 200/.54;200.48; <345
327

REF-CITED:

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5,374,951	12/1994	Welsh	348/4
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Antonoff, Michael, The Big-Tube PCTV, May 28, 1996, three pages from Internet site.
Gateway 2000 Sells Destination.TM. Big Screen PC Through Retail Chains, four pages from Internet site.
Gateway 2000 launches Destination.TM. big screen PC featuring 31-inch monitor, five pages from Internet site.
Destination Features, five pages from Internet site.

ART-UNIT: 271
PRIM-EXMR: Chris Grant
LEGAL-REP: Jenkins & Gilchrist

ABSTRACT:

A TV/PC convergence device, operable in a television mode, a computer mode and a combination television/computer mode, includes a display, a computer and a tracking device. The display receives and displays images in all three modes. The computer executes programs and is operable in the computer mode and the combination television/computer mode. The tracking device, which is coupled to the display and computer, tracks, records, and reports select uses of the display and the computer during each of the television mode, the computer mode and the combination television/computer mode.

5 Claims, 2 Drawing Figures

user's past history of network usage. An archive is maintained of remote sites accessed and instances in which the same remote sites are accessed in sequence. Statistics regarding information such as the number of times a site has been accessed, and the times a given set of sites have been accessed in sequence, are maintained. This information may be displayed upon command. Based on this information, information items are identified which the user is predicted to be likely to want to access. This information is pre-downloaded, without express user command, so that if the user does enter a command, the response time is advantageously fast.

22 Claims, 11 Drawing Figures

US PAT NO: 5,727,129 [IMAGE AVAILABLE]

L6: 25 of 29

DETDESC:

DETD(13)

In step 26, the number of occurrences of the page, i.e., the number of times in the past that this **Web page** has been downloaded, is computed. Preferably, the **date** and time of the prior downloads, or some suitable indication of how recently each download took place, is also obtained, and used later.

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US PAT NO: 5,727,129 [IMAGE AVAILABLE] L6: 25 of 29
DATE ISSUED: Mar. 10, 1998
TITLE: Network system for profiling and actively facilitating
user activities
INVENTOR: Robert Carl Barrett, San Jose, CA
Daniel Clark Kellem, San Jose, CA
Paul Philip Maglio, Santa Cruz, CA
ASSIGNEE: International Business Machines Corporation, Armonk, NY
(U.S. corp.)
APPL-NO: 08/659,100
DATE FILED: Jun. 4, 1996
INT-CL: [6] G06F 3/00
US-CL-ISSUED: 395/12, 357, 353, 200.09
US-CL-CURRENT: 706/10; 345/353, 357; 395/200.47, 200.54, 200.58; 706/21
SEARCH-FLD: 395/12, 1, 10, 326-358, 200.01, 200.02, 200.11, 200.08,
200.09

REF-CITED:

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R. Armstrong, D. Freitag, T. Joachims, & T. Mitchell, WebWatcher: A Learning Apprentice for the World Wide Web, School of Computer Science, Carnegie Mellon Univ. 1/20/95, pp. 6-12. AAAI Spring Symposium, Mar. 27-29, 1995. Stanford Univ. Info Gathering for Heterogeneous, Distributed Environment.

ART-UNIT: 245
PRIM-EXMR: John E. Breene
LEGAL-REP: James C. Pintner

ABSTRACT:

A system and method are provided for use with an communication and information network, such at the Internet World Wide Web, for assisting a user in accessing information stored at remote network sites based on the

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L1 216 S 707/501,513/CCLS
L2 49 S L1 AND (SEARCH? OR RETRIEV?)/TI,AB
L3 501 S (URL OR WEB) (2A) (LIST# OR TABLE#)
L4 3 S L2 AND L3
L5 2 S L3 (20A) (SORT### OR ORDERED OR ORDERING)
L6 7 S (URL OR WEB(W)PAGE# OR WEB(W)ADDRESS##) (20A) (SORT### O
R O
L7 19 S (URL OR WEB(W)PAGE# OR WEB(W)ADDRESS##) (P) (SORT### OR
ORD
L8 48 S (HYPERLINK? OR HYPERTEXT? OR URL OR WEB(W)PAGE# OR WEB(W
)AD
L9 475 S 707/501,513/CCLS OR 395/200.47,200.48/CCLS
L10 2 S L8 AND L9
L11 291 S (ANCHOR#)(P) (SORT### OR ORDERED OR ORDERING)
L12 3 S L9 AND L11

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(FILE 'USPAT' ENTERED AT 13:51:22 ON 13 JAN 1999)

L1 216 S 707/501,513/CCLS
L2 49 S L1 AND (SEARCH? OR RETRIEV?)/TI,AB
L3 501 S (URL OR WEB) (2A) (LIST# OR TABLE#)
L4 3 S L2 AND L3
L5 2 S L3 (20A) (SORT### OR ORDERED OR ORDERING)
L6 7 S (URL OR WEB(W)PAGE# OR WEB(W)ADDRESS##) (20A) (SORT### O
R O

=> d l6 1 cit date

1. 5,850,520, Dec. 15, 1998, Method and system for electronic
publication distribution including return receipt; L. Joy Griebenow, et
al., 395/200.36, 200.47 [IMAGE AVAILABLE]

L6: 1 of 7
TITLE: Method and system for electronic publication distribution
including return receipt
US PAT NO: 5,850,520 DATE ISSUED: Dec. 15, 1998
[IMAGE AVAILABLE]
APPL-NO: 08/673,988 DATE FILED: Jul. 1, 1996